



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thumpudi et al.**Application No.** 10/622,822**Filed:** July 18, 2003**Confirmation No.** 3034**For:** CONSTANT BITRATE MEDIA
ENCODING TECHNIQUES**Examiner:** Susan McFadden**Art Unit:** 2626**Attorney Reference No.** 3382-66124-01

MAIL STOP RCE
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP RCE, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent
for Applicants

Date Mailed August 14, 2007

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(4)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163).

Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing of a first Office action after the filing of a request for continued examination. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is

required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By



Kyle B. Rinehart
Registration No. 47,027

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 595-5300
Facsimile: (503) 595-5301

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-66124-01
	Application Number	10/622,822
	Filing Date	July 18, 2003
	First Named Inventor	Thumpudi
	Art Unit	2626
	Examiner Name	Susan McFadden

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,802,224	1.31.1989	Shiraki et al.
		5,136,377	8.4.1992	Johnston et al.
		5,398,069	3.14.1995	Huang et al.
		5,448,297	9.5.1995	Alattar et al.
		5,533,052	7.2.1996	Bhaskar
		5,570,363	10.29.1996	Holm
		5,602,959	2.11.1997	Bergstrom et al.
		5,650,860	7.22.1997	Uz
		5,654,760	8.5.1997	Ohtsuki
		5,666,161	9.9.1997	Kohiyama et al.
		5,724,453	3.3.1998	Ratnakar et al.
		5,867,230	2.2.1999	Wang et al.
		5,986,712	11.16.1999	Peterson et al.
		5,990,945	11.23.1999	Sinha et al.
		6,073,153	6.6.2000	Malvar
		6,075,768	6.13.2000	Mishra
		6,215,820	4.10.2001	Bagni et al.

EXAMINER
SIGNATURE:DATE
CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Attorney Docket Number	3382-66124-01
Application Number	10/622,822
Filing Date	July 18, 2003
First Named Inventor	Thumpudi
Art Unit	2626
Examiner Name	Susan McFadden

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		6,223,162	4.24.2001	Chen et al.
		6,320,825	11.20.2001	Bruekers et al.
		6,421,739	7.16.2002	Holiday
		6,441,754	8.27.2002	Wang et al.
		6,539,124	3.25.2003	Sethuraman et al.
		6,732,071	5.4.2004	Lopez-Estrada et al.

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Hsu et al., "Joint Selection of Source and Channel Rate for VBR Video Transmission Under ATM Policing Constraints," <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 15, No. 6, pp. 1016-1028 (August 1997).
		Pao, "Encoding Stored Video for Streaming Applications," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 11, No. 2, pp. 199-209 (February 2001).
		Reed et al., "Constrained Bit-Rate Control for Very Low Bit-Rate Streaming-Video Applications," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 11, No. 7, pp. 882-889 (July 2001).
		Reibman et al., "Constraints on Variable Bit-rate Video for ATM Networks," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , No. 4, pp. 361-372 (1992).
		Sheu et al., "A Buffer Allocation Mechanism for VBR Video Playback," <i>Communication Tech. Proc. 2000, WCC-ICCT 2000</i> , Vol. 2, pp. 1641-1644 (2000).
		Walpole et al., "A Player for Adaptive MPEG Video Streaming over the Internet," <i>Proc. SPIE</i> , Vol. 3240, pp. 270-281 (1998).

EXAMINER SIGNATURE:	DATE CONSIDERED:
---------------------	------------------

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.